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ABSTRACT

BLOCK-BASED IMAGE SEGMENTATION METHOD AND SYSTEM

5   A method of image segmentation is disclosed. The
method partitions at least part of an input image (9,
29) into a plurality of partitioned units (10). The
method next determines segments (13,14,15,16) for each
of the plurality of partitioned units (10) based on at
10   least one pixel attribute of the input image (9, 29).
Subsequently, the method selectively combines (18) the
segments of the partitioned units (10) to provide a
segmented version of the input image (9, 29). A system
(1) for image segmentation having an image partition
15   module (2), a block segmentation module (4) coupled to
the image partition module (2) and a segment
combination module (5) coupled to the block
segmentation module (4) is also disclosed for
performing the above method.

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